


# ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

<b>Title of Invention</b>	[WATER HAMMER ARRESTER, LIQUID SUPPLY APPARATUS AND METHOD OF PREVENTING WATER HAMMER EFFECT]																																																																																																																														
Submission Type :	Utility Patent Filing																																																																																																																														
Application Number:	10/605054																																																																																																																														
EFS ID:	47106																																																																																																																														
Server Response:	<table border="1"> <thead> <tr> <th>Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>2053</td> </tr> </tbody> </table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	2053																																																																																																																						
Confirmation Code	Message																																																																																																																														
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																																														
ICON1	2053																																																																																																																														
First Named Applicant:	SHIN-TONG WU																																																																																																																														
Attorney Docket Number:	11421-US-PA																																																																																																																														
Timestamp:	2003-09-05 06:08:16 EDT																																																																																																																														
From:	us																																																																																																																														
File Listing:	<table border="1"> <thead> <tr> <th>Doc. Name</th> <th>File Name</th> <th>Size (Bytes)</th> <th>Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr><td>us-assignment</td><td>11421-usassn.xml</td><td>1787</td><td>2003-09-05</td></tr> <tr><td>us-assignment</td><td>us-assignment.xml</td><td>8983</td><td>2003-09-05</td></tr> <tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2003-09-05</td></tr> <tr><td>us-assignment</td><td>11421assignment1.tif</td><td>40526</td><td>2003-09-05</td></tr> <tr><td>us-assignment</td><td>11421assignment2.tif</td><td>8738</td><td>2003-09-05</td></tr> <tr><td>us-request</td><td>11421-usrequ.xml</td><td>2508</td><td>2003-09-05</td></tr> <tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2003-09-05</td></tr> <tr><td>us-request</td><td>us-request.xml</td><td>33300</td><td>2003-09-05</td></tr> <tr><td>us-fee-sheet</td><td>11421-usfees.xml</td><td>1838</td><td>2003-09-05</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.xml</td><td>24912</td><td>2003-09-05</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>10901</td><td>2003-09-05</td></tr> <tr><td>us-declaration</td><td>11421declaration2.tif</td><td>22352</td><td>2003-09-05</td></tr> <tr><td>us-declaration</td><td>11421DECLARATION1.tif</td><td>35994</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>11421-trans.xml</td><td>17831</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>us-application-body.xml</td><td>83497</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>isogr3.ent</td><td>3559</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>isomfrk.ent</td><td>4553</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>isomopf.ent</td><td>2571</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>isomscr.ent</td><td>4628</td><td>2003-09-05</td></tr> <tr><td>application-body</td><td>isotech.ent</td><td>5268</td><td>2003-09-05</td></tr> </tbody> </table>			Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-assignment	11421-usassn.xml	1787	2003-09-05	us-assignment	us-assignment.xml	8983	2003-09-05	us-assignment	us-assignment.dtd	10898	2003-09-05	us-assignment	11421assignment1.tif	40526	2003-09-05	us-assignment	11421assignment2.tif	8738	2003-09-05	us-request	11421-usrequ.xml	2508	2003-09-05	us-request	us-request.dtd	19064	2003-09-05	us-request	us-request.xml	33300	2003-09-05	us-fee-sheet	11421-usfees.xml	1838	2003-09-05	us-fee-sheet	us-fee-sheet.xml	24912	2003-09-05	us-fee-sheet	us-fee-sheet.dtd	10901	2003-09-05	us-declaration	11421declaration2.tif	22352	2003-09-05	us-declaration	11421DECLARATION1.tif	35994	2003-09-05	application-body	11421-trans.xml	17831	2003-09-05	application-body	us-application-body.xml	83497	2003-09-05	application-body	application-body.dtd	49498	2003-09-05	application-body	wipo.ent	4956	2003-09-05	application-body	mathml2.dtd	54588	2003-09-05	application-body	mathml2-qname-1.mod	13225	2003-09-05	application-body	isoamsa.ent	5191	2003-09-05	application-body	isoamsb.ent	3988	2003-09-05	application-body	isoamsc.ent	1460	2003-09-05	application-body	isoamsn.ent	5620	2003-09-05	application-body	isoamso.ent	1934	2003-09-05	application-body	isoamsr.ent	7073	2003-09-05	application-body	isogr3.ent	3559	2003-09-05	application-body	isomfrk.ent	4553	2003-09-05	application-body	isomopf.ent	2571	2003-09-05	application-body	isomscr.ent	4628	2003-09-05	application-body	isotech.ent	5268	2003-09-05
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																																												
us-assignment	11421-usassn.xml	1787	2003-09-05																																																																																																																												
us-assignment	us-assignment.xml	8983	2003-09-05																																																																																																																												
us-assignment	us-assignment.dtd	10898	2003-09-05																																																																																																																												
us-assignment	11421assignment1.tif	40526	2003-09-05																																																																																																																												
us-assignment	11421assignment2.tif	8738	2003-09-05																																																																																																																												
us-request	11421-usrequ.xml	2508	2003-09-05																																																																																																																												
us-request	us-request.dtd	19064	2003-09-05																																																																																																																												
us-request	us-request.xml	33300	2003-09-05																																																																																																																												
us-fee-sheet	11421-usfees.xml	1838	2003-09-05																																																																																																																												
us-fee-sheet	us-fee-sheet.xml	24912	2003-09-05																																																																																																																												
us-fee-sheet	us-fee-sheet.dtd	10901	2003-09-05																																																																																																																												
us-declaration	11421declaration2.tif	22352	2003-09-05																																																																																																																												
us-declaration	11421DECLARATION1.tif	35994	2003-09-05																																																																																																																												
application-body	11421-trans.xml	17831	2003-09-05																																																																																																																												
application-body	us-application-body.xml	83497	2003-09-05																																																																																																																												
application-body	application-body.dtd	49498	2003-09-05																																																																																																																												
application-body	wipo.ent	4956	2003-09-05																																																																																																																												
application-body	mathml2.dtd	54588	2003-09-05																																																																																																																												
application-body	mathml2-qname-1.mod	13225	2003-09-05																																																																																																																												
application-body	isoamsa.ent	5191	2003-09-05																																																																																																																												
application-body	isoamsb.ent	3988	2003-09-05																																																																																																																												
application-body	isoamsc.ent	1460	2003-09-05																																																																																																																												
application-body	isoamsn.ent	5620	2003-09-05																																																																																																																												
application-body	isoamso.ent	1934	2003-09-05																																																																																																																												
application-body	isoamsr.ent	7073	2003-09-05																																																																																																																												
application-body	isogr3.ent	3559	2003-09-05																																																																																																																												
application-body	isomfrk.ent	4553	2003-09-05																																																																																																																												
application-body	isomopf.ent	2571	2003-09-05																																																																																																																												
application-body	isomscr.ent	4628	2003-09-05																																																																																																																												
application-body	isotech.ent	5268	2003-09-05																																																																																																																												

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	isobox.ent	3568	2003-09-05
application-body	isocyr1.ent	5345	2003-09-05
application-body	isocyr2.ent	2504	2003-09-05
application-body	isodia.ent	1508	2003-09-05
application-body	isolat1.ent	5282	2003-09-05
application-body	isolat2.ent	9007	2003-09-05
application-body	isonum.ent	5913	2003-09-05
application-body	isopub.ent	6621	2003-09-05
application-body	mmlextra.ent	7901	2003-09-05
application-body	mmlalias.ent	38209	2003-09-05
application-body	soextblx.dtd	12870	2003-09-05
application-body	11421us0001.tif	15578	2003-09-05
package-data	11421-pkda.xml	8651	2003-09-05
package-data	package-data.dtd	27025	2003-09-05
package-data	us-package-data.xsl	19263	2003-09-05
Total files size		660486	

Message Digest:

d9afc6c2dbe08706f1d9e3dcf4d8fd55e156ad9d

Digital Certificate Holder  
Name:

cn=Belinda Lee,ou=Registered  
Attorneys,ou=Patent and  
Trademark  
Office,ou=Department of  
Commerce,o=U.S.  
Government,c=US